

MAJORITY	CGAGCGGACGACGTCTGGCCACCTGGCCAGAAAGCGGAAAGGAGGGGTACGAGGTGCGCATCCTC	
DNAPTAQ	.....C.....G.....C.....C.....	417
DNAPTFL	T.....G.....CG.....	414
DNAPTTH	.....T.C.....	420
MAJORITY	ACGCGGACCGGACCTCTACCAGCTCCTTCCGACCGCATCGCCGCTCTCCACCCCGAGGGGTACCTCA	
DNAPTAQ	.....AAA.....T.....CA.....	487
DNAPTFL	..T.....G.....G.....A.....T.....G.....	484
DNAPTTH	.....A.....G.C.....G.....CC.....	490
MAJORITY	TCACCCCGCGTGGCTTTGGGAGAAGTACGGCCTGAGGCCGGAGCAGTGGGTGGACTACCGGGCCCTGGC	
DNAPTAQ	.....C.....A.....C.....C.....CC.....A.....	557
DNAPTFL	.....AC.....C.C.....C.....T.....C.....C.T	554
DNAPTTH	.....A.....C.....C.....	560
MAJORITY	GGGGGACCCCTCCGACAACCTCCCCGGGTCAAGGGCATCGGGGAGAGACCGCCXGAAAGCTCCTCXAG	
DNAPTAQ	C.....GAG.....T.....G.....GAG.....T...GG...	627
DNAPTFL	.....G..T...A.....G.....A.....A..G...A..CGC	624
DNAPTTH	.....	630
MAJORITY	GAGTGGGGAGCCTGGAAACCTCCTCAAGAACCTGGACCGGTGAAGCCCGC...CXTCCGGGAGAAAGA	
DNAPTAQ	.....GC.....T.....C.....A.....A.....A.....	694
DNAPTFL	.....T.C.C.....A.....T.....T.G.....C	691
DNAPTTH	.....A.....A.....A.AAA.G.....	700

FIG. 2B

MAJORITY	TCCAGGCCACATGGAXGACCTGAXGCTCTCCTGGGAGCTXTCCAGGTGCGCACCGACCTGCCCTGGG	
DNAPTAQ	...T...C..T...A...C..GG..A...T...A...T...	764
DNAPTFL	...GGG...G.C...GCC..T...C..A...T...A...T...	761
DNAPTTH	...A...C...A...C.G...T...C...G...C...C...	770
MAJORITY	GGTGGACTTCGCCAAGXGGCGGGAGCCCGAGGGGCTTAGGGCCCTTCTGGAGAGGCTGGAGTTT	
DNAPTAQ	...AA...AA...A...T...A...T...T...T...	834
DNAPTFL	...GG.G.C.C..CACA...A...T...T...GC...T...C..T...	831
DNAPTTH	...C...C..G...C...C...C...C...C...C...C...	840
MAJORITY	GGCAGCCTCCTCCACGAGTTCGGGCTCCTGGAGGGCCCCAAGGCCCTGGAGGAGGCCCTGGCCCCCGC	
DNAPTAQ	...T...AA...AA...G...G...GGCA...T...T...	904
DNAPTFL	...A...G...G...G...G...G...G...G...G...G...	901
DNAPTTH	...C...C...G...C...G...C...G...C...G...C...	910
MAJORITY	CGGAAGGGCCCTTCGTGGGCTTTGTCTCTTCCCGCCCCGAGCCCATGTGGGCCGAGCTTCTGGCCCTGGC	
DNAPTAQ	...G...AAG...AAG...T...T...T...	974
DNAPTFL	...T..TT...TC.T...T...T...T...T...T...	971
DNAPTTH	...C...C...C...C...C...C...C...C...C...AAA...	980
MAJORITY	CGCCGCCAGGGAGGGCCGGTCCACCGGGCACCAGACCCCTTTAXGGGCCTXAGGGACCTXAAGGAGGTG	
DNAPTAQ	...G...C..C..G..T.A..AA.C...C...G...G...C...	1044
DNAPTFL	T.GG..GT...G..CC...T...A...C...G...G...T...G...	1041
DNAPTTH	...TG...C...G...G...G...G...G...G...G...G...C...	1050

FIG. 2C

MAJORITY	CGGGXCTCCTCGCCCAAGGACCTGGCCGTTTTTGGCCCTGAGGGAGGGCCTXGACCTCXTGCCCGGGGACG	
DNAPTAQ	.....G..T.....A.....AG.....C.....A.....T.G.....CC.....C.....	1114
DNAPTFL	.....AA.....G.....G.....C.....G.....T.C..A.A.....	1111
DNAPTTH	.....C.....C.....TC.....G..A.....G.....G.....	1120
MAJORITY	ACCCCATGCTCCTCGCCTACCTCCTGGACCCCTCCAACACCACCCCGAGGGGTGGCCCGCGCTACGG	
DNAPTAQ	.....T.....T.....T.....T.....T.....T.....T.....	1184
DNAPTFL	.....G.....T.....T.....T.....T.....T.....T.....	1181
DNAPTTH	.....G.....T.....T.....T.....T.....T.....T.....	1190
MAJORITY	GGGGGAGTGGACGGAGGAXGCGGGGGAGCGGGCCCTCCTXTCGAGAGGCTCTTCCXGAACCTXXXGGAG	
DNAPTAQ	C.....G.....G.....GC.....T.....GCC.....GTG..G..	1254
DNAPTFL	.....T.....A.....GG.....C.C.....A..C...AAA....	1260
DNAPTTH	.....C..C.CCC.C.....C..G.....CAT.G.....CCTTA..	1260
MAJORITY	CGCCTTGAGGGGAGGAGAGGCTCCTTTGGCTTTACCAGGAGGTGGAGAAGCCCTTTCCCCGGGTCCIGG	
DNAPTAQ	A.G.....G.....G.....G.....G.....GCT.....	1324
DNAPTFL	.....A...A..A..AC.C..G.....G.....G.....GT...	1321
DNAPTTH	.....C.....A.....C.....C.....A.....C.....	1330
MAJORITY	CCCACATGGAGGCCACGGGGTXCGGCTGGACGTGGCCTACCTCCAGGCCCTXTCCCTGGAGGTGGCGGA	
DNAPTAQ	.....G..C.....T...AG.....T.G.....C...	1394
DNAPTFL	.....GG.....C.....C.....C.....A..C..	1391
DNAPTTH	.....C.....A.....T.....T.....C.T.....	1400

FIG. 2D